

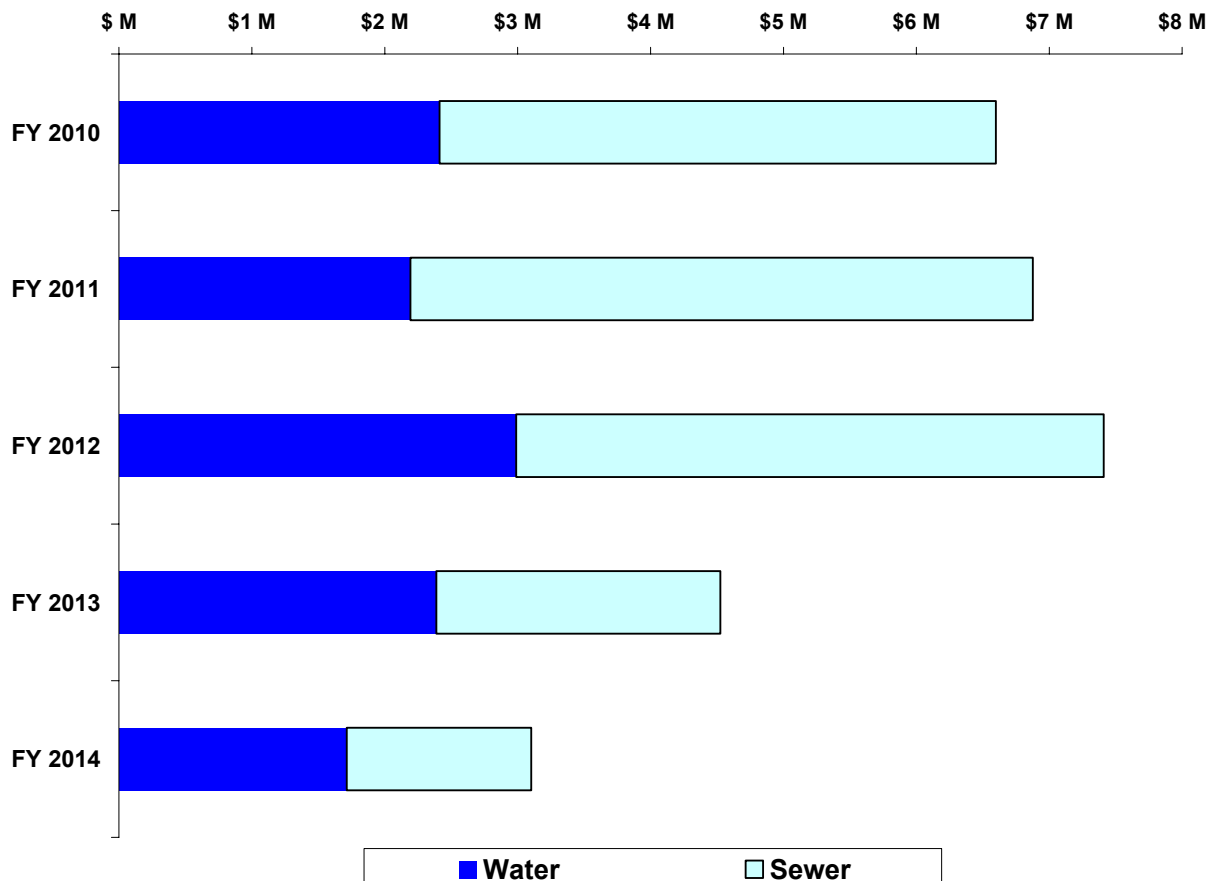
WATER RESOURCES

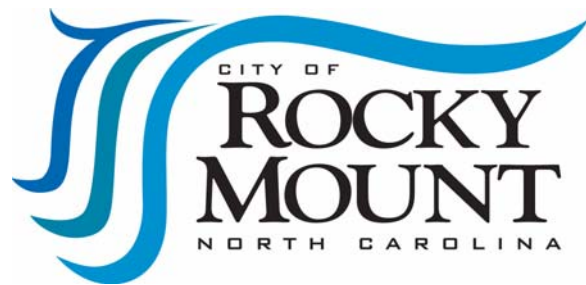
The projects listed as Water Resources are those that primarily benefit the City's Water and Sewer operations. Funding comes primarily from current revenues of the utility funds and debt financing, along with occasional state grants. Most projects involve improvements related to expanding services to additional customers in response to annexation, maintaining existing systems, and improving service offerings to existing customers.

The total recommended Water expenditures for 2010-2014 is \$11,697,500, which is a 24.8% increase over last year's recommendations for 2009-2013. The total recommended Sewer expenditures for 2010-2014 is \$16,812,500, which is a 1.8% decrease over last year's recommendations for 2009-2013.

Fiscal Year	Water	Sewer
FY 2010	2,412,500	4,185,500
FY 2011	2,193,000	4,683,000
FY 2012	2,989,000	4,420,000
FY 2013	2,388,000	2,137,000
FY 2014	1,715,000	1,387,000
Total	\$ 11,697,500	\$ 16,812,500

Expenditures by Year





CIP OVERVIEW

Water Resources - Water

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Revenues								
Enterprise Fund	575,500	840,000	1,278,000	939,000	835,000	820,000	972,000	4,712,000
State Grant	68,500	65,000	50,000	40,000	40,000	35,000	-	230,000
Debt	125,000	1,452,500	865,000	2,010,000	1,513,000	860,000	3,670,000	6,700,500
Fund Balance	-	55,000	-	-	-	-	-	55,000
Total Revenues	\$769,000	\$2,412,500	\$2,193,000	\$2,989,000	\$2,388,000	\$1,715,000	\$4,642,000	\$11,697,500

Expenditures

Downtown Development Watermain Replacement	-	50,000	125,000	-	-	-	-	175,000
WD:Woodruff Rd Water and Sewer Improvements, Phase 3	-	55,000	-	-	-	-	-	55,000
Sunset WTP Force Main	-	-	-	50,000	-	-	-	50,000
2" Main Replacement Program	100,000	90,000	100,000	100,000	100,000	100,000	-	490,000
WD:Oak Level Elevated Tank	-	-	-	-	-	-	1,200,000	-
Sunset WTP Backwash Pump	-	-	75,000	-	-	-	-	75,000
Reservoir WTP Dewatering Building Projects	80,000	-	90,000	-	-	-	-	90,000
Reservoir WTP Bulk Chemical Storage Tanks	-	-	-	-	110,000	-	-	110,000
Hydrilla Management	137,000	130,000	100,000	80,000	80,000	70,000	-	460,000
WD:Battleboro System Improvements-Gainor Ave, Denzel Ln	-	-	-	-	-	-	72,000	-
WD:Southeast Water System Improvements	-	-	-	-	-	-	270,000	-
WD:Oak Level Main Extension	-	175,000	600,000	750,000	-	-	-	1,525,000
WD:Annex Area 4B Water Mains	15,000	110,000	-	-	-	-	-	110,000
WD:Annex Area 8B Water Mains	45,000	430,000	-	-	-	-	-	430,000
WD:Annex Area 12A Water Mains (Bunn Farm)	60,000	910,000	-	-	-	-	-	910,000
WD:Annex Area 13 Water Mains	-	-	-	39,000	418,000	-	-	457,000
WD:Minor Enhancement and Main Extensions	-	50,000	75,000	75,000	75,000	75,000	-	350,000
Water System SCADA System	51,000	-	75,000	50,000	-	-	-	125,000
Water Tank Maintenance	11,000	-	190,000	190,000	190,000	190,000	570,000	760,000
Water Automated Meter Reading	90,000	50,000	50,000	200,000	200,000	200,000	-	700,000
Heavy Equipment Storage Building	-	-	-	-	-	-	50,000	-
Sunset WT Raw Water Pump	-	122,500	-	-	-	-	-	122,500
Raw Water Screen Replacment	-	-	-	-	-	170,000	-	170,000

CIP OVERVIEW

Water Resources - Water

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Sludge Removal System	-	-	-	-	-	-	1,125,000	-
Relocate NH3-N Feed Point	-	-	-	-	-	-	250,000	-
Ferric Sludge Application	5,000	-	100,000	-	-	-	-	100,000
TOC Analyzer / Tech Services	-	-	-	60,000	-	-	-	60,000
Hanson Quarry Fill	-	-	-	-	155,000	-	-	155,000
WD:NC-58 Water Main	50,000	50,000	50,000	50,000	50,000	50,000	-	250,000
Construction Equipment - Water	125,000	-	265,000	320,000	290,000	185,000	-	1,060,000
Sunset Finished Water Pump Motor	-	-	85,000	-	-	-	-	85,000
WD:E. Battleboro St. WM	-	-	-	-	-	-	315,000	-
Goldrock Tank Interconnect	-	-	-	-	-	-	50,000	-
WD:Lewy Lane Water Main	-	-	50,000	-	-	-	-	50,000
WD: Edwards Street Water and Sewer Improvements	-	-	-	-	-	-	40,000	-
Chemical Feed Amendment	-	190,000	-	-	-	-	-	190,000
Quarry Pump	-	-	-	-	70,000	-	-	70,000
Hypochlorite Generation System	-	-	-	-	650,000	675,000	700,000	1,325,000
WD: Phase 2, Annex Area 1- Water Trunk Main	-	-	35,000	350,000	-	-	-	385,000
WD: Winstead Ave/English Road Watermain	-	-	60,000	-	-	-	-	60,000
WD: Phase 2, Annex Area 1- Local Distribution (Supplemental Requests)	-	-	18,000	190,000	-	-	-	208,000
WD; Phase 2 Annex Area 5- Arlington Road Transfer	-	-	-	85,000	-	-	-	85,000
WD: Phase 2 Annex Area 1- Fire Main Extensions	-	-	50,000	400,000	-	-	-	450,000
Total Expenditures	\$769,000	\$2,412,500	\$2,193,000	\$2,989,000	\$2,388,000	\$1,715,000	\$4,642,000	\$11,697,500

Downtown Development Watermain Replacement**Description**

This project, associated with the downtown streetscape project, would install new PVC watermain, hydrants and meters within the project area to replace and aging and complex water network downtown.

Justification

The existing watermain network is old and has several areas where there are undersized and/or redundant lines running in parallel rather than one larger main. In addition, there are several valves which are broken in the area which affect fireflow and maintenance ability on the mains. Finally, with the construction of the streetscape, the proposed water network will allow new development to easily access water meters within the sidewalk thereby eliminating the need to disturb the new streetscape and road improvements.

Category

07 - Extends life of facility more than five (5) years

Future Plans

FY2010 - Make necessary improvements only during utility excavation.

FY2011 - Make necessary improvements during utility excavation.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	50,000	125,000	-	-	-	-	175,000
Total Revenues	\$-	\$50,000	\$125,000	\$-	\$-	\$-	\$-	\$175,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	50,000	125,000	-	-	-	-	175,000
Total Expenditures	\$-	\$50,000	\$125,000	\$-	\$-	\$-	\$-	\$175,000

WD:Woodruff Rd Water and Sewer Improvements, Phase 3**Description**

Extension of water distribution lines to serve property on Woodruff Rd. from Goose Branch Dr to north of Goose Branch Creek. Design-Build work to be done by DOT contractor concurrently with construction of Northern Connector.

Justification

Required by City Council approved petition to provide water and sewer service to an area with failing septic tanks. Work should be completed during road construction to lessen cost.

Category

04 - Ordered by City Council (with or without petition)

Past Progress**Complete?**

FY2009 - A utility agreement was signed between the city and NCDOT in Spring of 2008. Funds are requested in FY10 to provide for relocation and extension of the water and sewer lines during construction of the Northern Connector which is scheduled to begin construction in April-May 2009.

No

Future Plans

FY2010 - Perform construction work in accordance with Northern Connector project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Fund Balance	-	55,000	-	-	-	-	-	55,000
Total Revenues	\$-	\$55,000	\$-	\$-	\$-	\$-	\$-	\$55,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	50,000	-	-	-	-	-	50,000
Planning/Design	-	5,000	-	-	-	-	-	5,000
Total Expenditures	\$-	\$55,000	\$-	\$-	\$-	\$-	\$-	\$55,000

Sunset WTP Force Main**Description**

Project will fund installation of a force main from the Sunset WTP sludge dewatering facilities along River Drive. This amendment will allow the discharge of decant water pumps into the gravity sewers. Decant water will no longer be discharged to the river. Advantages are an unpermitted (by the NC DENR) discharge and reduction in chemical cost by not having to dechlorinate. Sludge solids generated in the WTP will continue to be land applied as in the past.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service .

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2008 - Design completed in FY07. Construction funds appropriated were transferred to the Drought 2007 efforts to fund a water line to the City of Wilson. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	50,000	-	-	-	50,000
Total Revenues	\$-	\$-	\$-	\$50,000	\$-	\$-	\$-	\$50,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	50,000	-	-	-	50,000
Planning/Design	-	-	-	-	-	-	-	-
Total Expenditures	\$-	\$-	\$-	\$50,000	\$-	\$-	\$-	\$50,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Chemical & Operatir	-	-	-	(15,250)	(15,500)	(15,750)	-	Recurring
Sewer Billing	-	-	-	8,750	9,000	9,250	-	Recurring
Total Impact	\$-	\$-	\$-	\$(6,500)	\$(6,500)	\$(6,500)	\$-	

2" Main Replacement Program**Description**

This program is intended to improve water quality to customers and reduce water losses due to leaks by replacing selected sections of 2" galvanized water mains throughout the City with PVC products. Currently, there are about 200,000 linear feet of 2" galvanized steel water lines in the water distribution system. Nearly all of it is beyond its 20 year useful life.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-1 in that it provides for planning service line extensions and replacement consistent with the Comprehensive Plan.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - W/S Services is currently performing all replacements in house. Crews have employed the PVC Product SDR-21 for replacements and cut material costs and labor dramatically. Estimates indicates that the 2008-2009 Program will be a record setting year for replacements.

No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	100,000	90,000	100,000	100,000	100,000	100,000	-	490,000
Total Revenues	\$100,000	\$90,000	\$100,000	\$100,000	\$100,000	\$100,000	\$-	\$490,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	100,000	90,000	100,000	100,000	100,000	100,000	-	490,000
Total Expenditures	\$100,000	\$90,000	\$100,000	\$100,000	\$100,000	\$100,000	\$-	\$490,000

WD:Oak Level Elevated Tank**Description**

A .75 MG Tank to provide additional service capacity and improve system deficiencies west of I-95. This will complement watermain extensions planned along Oak Level Rd, Old Carriage Road and Old Spring Hope Road.

Justification

This project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-3 in that it provides for promoting an adequate and safe supply of water for the City and neighboring counties.

Category

12 - Other as needed

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	1,200,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$1,200,000	\$-

Sunset WTP Backwash Pump**Description**

Replacement of the original 1954 Filter Bashwash Pump with a new highly efficient variable speed vertical turbine. Existing pump poses hardships upon electrical costs as well as pump maintenance & repair part acquisition. It is estimated that existing pump is only 50% efficient, requiring double the electrical needs to perform work.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to provide quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - Funds were needed to supplant Water Treatment Operation Chemicals and re-budgeted for FY-11 No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	75,000	-	-	-	-	75,000
Total Revenues	\$-	\$-	\$75,000	\$-	\$-	\$-	\$-	\$75,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	73,000	-	-	-	-	73,000
Planning/Design	-	-	2,000	-	-	-	-	2,000
Total Expenditures	\$-	\$-	\$75,000	\$-	\$-	\$-	\$-	\$75,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	-	(3,000)	(3,500)	(4,000)	(4,500)	-	Recurring
Total Impact	\$-	\$-	\$(3,000)	\$(3,500)	\$(4,000)	\$(4,500)	\$-	

Reservoir WTP Dewatering Building Projects**Description**

Replace two Track-Vac units and install two additional storage/decant tanks. Existing equipment is at least 20 years aged and repair parts are impossible to locate.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service .

Category

05 - Current level of service cannot be continued unless work is done

Past Progress**Complete?**

FY2009 - Specification for track-vac units are complete and bids will be taken this month. It is No projected that available appropriation will only fund one unit rather than two.

Future Plans

FY2011 - Complete project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	80,000	-	90,000	-	-	-	-	90,000
Total Revenues	\$80,000	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	80,000	-	90,000	-	-	-	-	90,000
Total Expenditures	\$80,000	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	(2,000)	(2,000)	(6,000)	(7,000)	(8,000)	(9,000)	-	Recurring
Total Impact	\$(2,000)	\$(2,000)	\$(6,000)	\$(7,000)	\$(8,000)	\$(9,000)	\$-	

Reservoir WTP Bulk Chemical Storage Tanks**Description**

This project would replace the two (2) fiberglass 20,000 gal bulk Ferric Sulfate storage tanks at the Tar River Water Treatment Plant. Tanks have been in service since 1974 when the Tar River WTP was built. Tanks are constructed of fiberglass and have received regular maintenance and inspections. However time and the weather has taken its toll on the tanks. We have had one minor failure of one of the Ferric Sulfate bulk storage. Tanks are contained within a berm but a failure could shut the treatment plant down until repairs could be made.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to provide quality utility service .

Category

02 - Eliminates hazards to persons

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	110,000	-	-	110,000
Total Revenues	\$-	\$-	\$-	\$-	\$110,000	\$-	\$-	\$110,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	110,000	-	-	110,000
Total Expenditures	\$-	\$-	\$-	\$-	\$110,000	\$-	\$-	\$110,000

Hydrilla Management**Description**

An invasive species of water plant named Hydrilla & Primrose has been imported into the Saponi Creek arm of the reservoir. If left alone, this water plant will spread to all parts of the reservoir clogging navigation and adding to the difficulty of treating the water. Annual chemical treatment is employed in a cost sharing program with NCDWR to control the invasion of these species.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-3 in that it provides for promoting an adequate and safe supply of water for the city and neighboring counties.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2007 - Program went well during FY-2007-08 ... deem in the City's best interest to continue the cost sharing arrangement with the State DWQ. A State Grant is shown to reflect the 50% cost share and our \$100,000 per year is actually \$50,000 ... As shown in the revenue projections.

No

FY2009 - Hydrilla appears under control and Primrose invasion prevention is providing excellent results. A Bathometric Survey of the Reservoir was also funded by the City which offers the contracting agent better information of chemical application rates.

No

Future Plans

FY2010 - Ongoing annual project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	68,500	65,000	50,000	40,000	40,000	35,000	-	230,000
State Grant	68,500	65,000	50,000	40,000	40,000	35,000	-	230,000
Total Revenues	\$137,000	\$130,000	\$100,000	\$80,000	\$80,000	\$70,000	\$-	\$460,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	137,000	130,000	100,000	80,000	80,000	70,000	-	460,000
Total Expenditures	\$137,000	\$130,000	\$100,000	\$80,000	\$80,000	\$70,000	\$-	\$460,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Reduced Maintenance	(50,000)	(75,000)	(100,000)	(150,000)	(200,000)	(250,000)	-	Recurring
Total Impact	\$(50,000)	\$(75,000)	\$(100,000)	\$(150,000)	\$(200,000)	\$(250,000)	\$-	

WD:Battleboro System Improvements-Gainor Ave, Denzel Ln**Description**

This project is identified in the 2003 Water System Master Plan to address low pressures and deficient fire flows in Battleboro. Gainor Ave (WSMP I-2), Denzel Ln (WSMP 2010-6).

Justification

This project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-3 in that it provides for promoting an adequate and safe supply of water for the City and neighboring counties.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2008 - Funds were redirected to address costs associated with the 2007 drought

No

FY2009 - Water superintendent confirmed that Denzel Lane(WSMP 2010-6) already has a 6" watermain looped into Conyer Lane, that fire flow and pressure in the area is sufficient, and the Gainer Ave 6" extension is not necessary at this time. However, Gainor Ave extension will be necessary in the future as growth continues north.

No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	72,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$72,000	\$-

WD:Southeast Water System Improvements**Description**

Project was identified in the 2003 Water System Master Plan and provides for installation of new water mains to increase pressures and fire flow in the area. Project involves new watermain along Norfolk Road, WSMP 2025-1.

Justification

This project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-3 in that it provides for promoting an adequate and safe supply of water for the City and neighboring counties.

Category

10 - Expansion of service is deemed necessary

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	240,000	-
Planning/Design	-	-	-	-	-	-	30,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$270,000	\$-

WD:Oak Level Main Extension**Description**

This project provides for the construction of new 16" trunk lines along Oak Level Rd, Old Carriage Rd and Old Spring Hope Rd to provide an additional feed to Nashville, expand service to developing areas, and improve system deficiencies. The schedule for the line extensions is listed below. A future 0.75 MG Tank planned for out years is listed a separate CIP.

Justification

Project is required to provide trunk mains to Annexation Area 1 within the FY09-10 Phase 2 Annexation and is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-1. Future tank in in Oak Level Tank CIP

Category

10 - Expansion of service is deemed necessary

Future Plans

FY2010 - Complete design work on extension.

FY2011 - Phase I construction.

FY2012 - Phase II construction.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	175,000	-	-	-	-	-	175,000
Debt	-	-	600,000	750,000	-	-	-	1,350,000
Total Revenues	\$-	\$175,000	\$600,000	\$750,000	\$-	\$-	\$-	\$1,525,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	600,000	750,000	-	-	-	1,350,000
Planning/Design	-	175,000	-	-	-	-	-	175,000
Total Expenditures	\$-	\$175,000	\$600,000	\$750,000	\$-	\$-	\$-	\$1,525,000

WD:Annex Area 4B Water Mains**Description**

This project provides for extension of a 6" water mains on Avalon Rd and Treasa Drive to provide required fire protection and distribution to annexation area 4B. In addition, this work will meet all the requests for water within the supplemental annexation report for Phase 1.

Justification

Project provides water service and fire protection for the annexation area. Water Trunk lines are already in the area.

Category

01 - Legally mandated

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	15,000	110,000	-	-	-	-	-	110,000
Total Revenues	\$15,000	\$110,000	\$-	\$-	\$-	\$-	\$-	\$110,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	110,000	-	-	-	-	-	110,000
Planning/Design	15,000	-	-	-	-	-	-	-
Total Expenditures	\$15,000	\$110,000	\$-	\$-	\$-	\$-	\$-	\$110,000

WD:Annex Area 8B Water Mains**Description**

This project provides for extension of 12" water mains in Cooley Road and Pridgen Road to serve annexation area 8B and extension of a 6" main in Porter Rd to provide water service and the required fire protection. In addition, the three supplemental request received from the annexation area will be served by this work. Extension of other service lines in the area will be by petition.

Justification

Project extends trunk water main into the annexation area as as required. This main will also serve as a distribution line for properties along Cooley and Pridgen Roads. This project will also extend a main along Porter Rd to provide the necessary fire protection to the annexation area.

Category

01 - Legally mandated

Past Progress**Complete?**

FY2009 - Design 95% complete as of Dec 08. Anticipate bid award to be in late spring 2009 with construction starting in summer 2009. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	45,000	-	-	-	-	-	-	-
Debt	-	430,000	-	-	-	-	-	430,000
Total Revenues	\$45,000	\$430,000	\$-	\$-	\$-	\$-	\$-	\$430,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	430,000	-	-	-	-	-	430,000
Land Acquisition	25,000	-	-	-	-	-	-	-
Planning/Design	20,000	-	-	-	-	-	-	-
Total Expenditures	\$45,000	\$430,000	\$-	\$-	\$-	\$-	\$-	\$430,000

WD:Annex Area 12A Water Mains (Bunn Farm)**Description**

Project provides for extension of 6" water mains in the Bunn Farm Subdivision to provide water service and the required fire protection. In addition, the eight supplemental requests have been received from the annexation area will be served by this work.

Justification

Project extends water mains to provide fire protection and water service to annexation area 12 within Bunn Farms.

Category

01 - Legally mandated

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	60,000	-	-	-	-	-	-	-
Debt	-	910,000	-	-	-	-	-	910,000
Total Revenues	\$60,000	\$910,000	\$-	\$-	\$-	\$-	\$-	\$910,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	910,000	-	-	-	-	-	910,000
Planning/Design	60,000	-	-	-	-	-	-	-
Total Expenditures	\$60,000	\$910,000	\$-	\$-	\$-	\$-	\$-	\$910,000

WD:Annex Area 13 Water Mains**Description**

This project provides for extension of a 12" water main on Peele Road to serve annexation area 13 as well as extension of service lines to Toddsberry Rd, Muscadine Rd, Ely Rd to provide the required fire protection

Justification

Project provides fire protection and water service within annexation area 13 (Toddsberry Rd, Muscadine Rd, Ely Rd).

Category

01 - Legally mandated

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	39,000	-	-	-	39,000
Debt	-	-	-	-	418,000	-	-	418,000
Total Revenues	\$-	\$-	\$-	\$39,000	\$418,000	\$-	\$-	\$457,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	418,000	-	-	418,000
Planning/Design	-	-	-	39,000	-	-	-	39,000
Total Expenditures	\$-	\$-	\$-	\$39,000	\$418,000	\$-	\$-	\$457,000

WD:Minor Enhancement and Main Extensions**Description**

This project provides for small scale system enhancement projects and water main extensions required for fire protection and water service requests as approved by the City Council through the petition process. In addition, it allows for developer agreements for oversizing and extensions as required by the city. Currently identified projects are listed below and a contingency is provided to allow for construction of unidentified projects requiring immediate action.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-1 in that it provides for planning service line extensions and replacement consistent with the Comprehensive Plan.

Category

01 - Legally mandated

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	50,000	75,000	75,000	75,000	75,000	-	350,000
Total Revenues	\$-	\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$-	\$350,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	50,000	75,000	75,000	75,000	75,000	-	350,000
Total Expenditures	\$-	\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$-	\$350,000

Water System SCADA System**Description**

Project funds will update existing utility with new server and a Windows based platform to better supervise and control the City of Rocky Mount's water system. Additional controls will allow remote operations rather than visitations. Our existing software allows review, minimal equipment activation, literally no primary component telemetry, and acknowledgement of condition state only.

Justification

This project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory permit compliance.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - Installed antenna mount brackets & cable guides on all elevated tanks, partially supporting collection system SCADA Project.

No

Future Plans

FY2010 - Project suspended due to budget constraints.

FY2011 - Continue with equipment implementation.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	51,000	-	75,000	50,000	-	-	-	125,000
Total Revenues	\$51,000	\$-	\$75,000	\$50,000	\$-	\$-	\$-	\$125,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	51,000	-	75,000	50,000	-	-	-	125,000
Total Expenditures	\$51,000	\$-	\$75,000	\$50,000	\$-	\$-	\$-	\$125,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	(5,000)	(5,000)	(7,500)	(20,000)	(20,000)	-	Recurring
Total Impact	\$-	\$(5,000)	\$(5,000)	\$(7,500)	\$(20,000)	\$(20,000)	\$-	

Water Tank Maintenance**Description**

This project funds the repainting of the city's overhead storage water tanks in a timely manner. Each year, a tank will be painted and maintained in a manner consistent with acceptable practice and the provisions of the City's RFP. At the present time, the Marigold Tanks is estimated to be approximately 12 years behind its acceptable maintenance schedule.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service.

Category

07 - Extends life of facility more than five (5) years

Past Progress**Complete?**

FY2009 - A small portion of funds were spent making much needed structural repairs & safety upgrade components of three elevated tanks. No

The balance of cash funds must be used to assist the Water Treatment Chemical fund.

Future Plans

FY2010 - Project delayed due to budget constraints.

FY2011 - Start of 7-year repainting project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	11,000	-	190,000	190,000	190,000	190,000	570,000	760,000
Total Revenues	\$11,000	\$-	\$190,000	\$190,000	\$190,000	\$190,000	\$570,000	\$760,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	11,000	-	190,000	190,000	190,000	190,000	570,000	760,000
Total Expenditures	\$11,000	\$-	\$190,000	\$190,000	\$190,000	\$190,000	\$570,000	\$760,000

Water Automated Meter Reading**Description**

This will fund the installation of electronic water meters in conjunction with electronic gas and electric meters. Cost are shared with Sewer Fund: 55% Water Fund / 45% Sewer Fund. Approximately 26,000 meters will be replaced at a cost of \$180 per meter including installation. Funds also consider new taps and considerations beyond subdivision construction.

Justification

Project is consistent with the Community Facilities Element of the Comprehensive Plan; Strategy B-2 & F-1 in that it upgrades existing utility service and improves the management of utilities which is consistent with the Comprehensive Plan.

Category

11 - Needed to implement a new program or activity being requested in an upcoming operating budget

Past Progress**Complete?**

FY2008 - Pilot program successful and we move into implementation of the program. No

FY2009 - Hardships in the Water Treatment Chemical Costs reduced purchases to less than 50% of planned. Remaining funds must be transferred to Operational. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	90,000	50,000	50,000	200,000	200,000	200,000	-	700,000
Total Revenues	\$90,000	\$50,000	\$50,000	\$200,000	\$200,000	\$200,000	\$-	\$700,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	-	-
Equipment/Furnishing	90,000	50,000	50,000	200,000	200,000	200,000	-	700,000
Total Expenditures	\$90,000	\$50,000	\$50,000	\$200,000	\$200,000	\$200,000	\$-	\$700,000

Reline / Replace Ductile Iron Pipe Water Lines**Description**

This project in the first years will provide funds for relining the 60 year-old water lines in Swealton Heights, Rose Street and Washington Streets.. The lining rehabilitation of the lines, which will cost about \$35 per foot, will prevent corrosion and subsequent discoloration of the water. When completed, the lines should have an additional 40-60 years of life.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-1 in that it provides for planning service line extensions and replacement consistent with the Comprehensive Plan.

Category

02 - Eliminates hazards to persons

Past Progress**Complete?**

FY2009 - Projects were abandoned and funds transferred to Water Treatment Operational Chemical Funds. No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	-	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Heavy Equipment Storage Building**Description**

A supplemental equipment storage building is needed for storing of emergency response equipment as well as miscellaneous materials which must be climate controlled. Funds will extend existing bay building and construct an open shelter pay along back fenced area.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to providing quality utility service.

Category

07 - Extends life of facility more than five (5) years

Past Progress**Complete?**

FY2009 - Last reports were that Gas & Electric is seeking to vacate existing facilities on Albemarle Street leaving an equipment storage location for W/S Maintenance. Funding placed on hold until results of this scenario unfolds. No
Plans of relocation now appear to be moot.

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	50,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$50,000	\$-

Sunset WT Raw Water Pump**Description**

Replacement of 1954 design Raw Water Split Case Pump @ the Sunset Facility. Parts availability has taken unit beyond a rebuild & with Sunset now as our lead plant, a highly efficient and variable speed unit is needed. At the current time, two raw water pumps must be employed to yield the flow rating of one. Replacement will be a variable speed verticle turbine pump.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to providing quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Future Plans

FY2010 - Purchase and installation of pump.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	10,000	-	-	-	-	-	10,000
Debt	-	112,500	-	-	-	-	-	112,500
Total Revenues	\$-	\$122,500	\$-	\$-	\$-	\$-	\$-	\$122,500

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	112,500	-	-	-	-	-	112,500
Planning/Design	-	10,000	-	-	-	-	-	10,000
Total Expenditures	\$-	\$122,500	\$-	\$-	\$-	\$-	\$-	\$122,500

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	-	Recurring
Total Impact	\$-	\$(10,000)	\$(10,000)	\$(10,000)	\$(10,000)	\$(10,000)	\$-	

Raw Water Screen Replacement**Description**

Two of the four raw water intake screens, which will remove any obstacle or debris 1/4" or larger, have been replaced in years past. The two target units are still the original 1954 construction and are in need of a planned replacement schedule.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Object B-3 in that it updates the CIP to continue to provide quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	-	170,000	-	170,000
Total Revenues	\$-	\$-	\$-	\$-	\$-	\$170,000	\$-	\$170,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	160,000	-	160,000
Planning/Design	-	-	-	-	-	10,000	-	10,000
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$170,000	\$-	\$170,000

Sludge Removal System**Description**

The system press of the Tar River Facility was designed for sludge production prior to the State DBP Rule. The DBP Rule increased sludge production of water treatment by an estimated 300% and the existing press is cannot serve the function. Funds will replace existing 20 year old press unit with a belt or centrifuge system and assure that production offsets costs.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue providing quality utility service

Category

07 - Extends life of facility more than five (5) years

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	1,100,000	-
Planning/Design	-	-	-	-	-	-	25,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$1,125,000	\$-

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Operational Impact	-	-	-	-	-	-	(50,000)	Recurring
Total Impact	\$-	\$-	\$-	\$-	\$-	\$-	\$(50,000)	

Relocate NH3-N Feed Point**Description**

The Tar River Plant was never designed to employ chloramines. At the present feed point, it requires 6 hours to determine if feed rates are correct. Funds would move the ammonia feed location to the inflow of Clearwell #1. Liabilities of this mis-feed can be very costly from the standpoint of being a water provider.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Object B-3 in that it updates the CIP to continue providing quality utility service and Object D-2 as it addresses State/Federal Mandates.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - Modifications to existing process managed to postpone amendment until future years No
when production needs expand.

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	100,000	-
Equipment/Furnishing	-	-	-	-	-	-	100,000	-
Planning/Design	-	-	-	-	-	-	50,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$250,000	\$-

Ferric Sludge Application**Description**

State Regulations for ferric sludges are much different than those of WWTP sludges. Our target is to locate approximately 20 acres within 5 miles of the Tar & Sunset Water Plants dedicated solely to ferric sludge disposal. Disposal costs should offset the purchase cost within 10 years.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to provide quality utility operation.

Category

09 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than ten (10) years

Past Progress**Complete?**

FY2009 - Application site identified on City-owned property.

No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	5,000	-	100,000	-	-	-	-	100,000
Total Revenues	\$5,000	\$-	\$100,000	\$-	\$-	\$-	\$-	\$100,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	75,000	-	-	-	-	75,000
Planning/Design	5,000	-	25,000	-	-	-	-	25,000
Total Expenditures	\$5,000	\$-	\$100,000	\$-	\$-	\$-	\$-	\$100,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	-	-	(30,000)	(30,000)	(35,000)	-	Recurring
Total Impact	\$-	\$-	\$-	\$(30,000)	\$(30,000)	\$(35,000)	\$-	

TOC Analyzer / Tech Services**Description**

Our two primary components of testing in Water Production is TOC & HAA compounds. Our Lab provides these analysis testing on a continuous basis. Funds would replace the existing equipment at its 8 year mark with updated equipment meeting the requirements of Standard Methods.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory permit compliance.

Category

05 - Current level of service cannot be continued unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	60,000	-	-	-	60,000
Total Revenues	\$-	\$-	\$-	\$60,000	\$-	\$-	\$-	\$60,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	-	60,000	-	-	-	60,000
Total Expenditures	\$-	\$-	\$-	\$60,000	\$-	\$-	\$-	\$60,000

Hanson Quarry Fill**Description**

CRM is scheduled to take ownership of the NC-97 Hanson Quarry in 2011. We have several options on its use; however, each approach requires that the quarry have a means of being filled from the Tar River. Funds would cause a 60" pipe to gravity feed from the Tar River at elevations above the 7Q10 mark of flow.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; C-3 in that it provides for promoting an adequate and safe supply of water for the City and customers and attempts to assure a high quality stream state of the Tar River.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - A grant application for engineering services is being made to the Clean Water Fund whereby the quarry will become a component of a Water Re-Use and Drought Management System. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Debt	-	-	-	-	155,000	-	-	155,000
Total Revenues	\$-	\$-	\$-	\$-	\$155,000	\$-	\$-	\$155,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	145,000	-	-	145,000
Planning/Design	-	-	-	-	10,000	-	-	10,000
Total Expenditures	\$-	\$-	\$-	\$-	\$155,000	\$-	\$-	\$155,000

WD:NC-58 Water Main**Description**

Nash County is financing the connection of a 12" water main from the City of Wilson to an existing line on NC-97 which can offer drought relief transfer of 2.0 MGD to the City of Rocky Mount. Financing arrangement is a five year program between Wilson, Nash County and City of Rocky Mount.

Justification

Interconnection protects public health by providing the ability to share and additional 1.5 to 2 MGD of water per day between Wilson, Rocky Rocky Mount and Nash County during emergency circumstances such as the 2007 of contamination of water supplies. This project combined with the Wilson-Wilson Co. interconnect gives the region the ability to share up to 3.5 MGD between Wilson, Rocky Mount and the jurisdictions served by each provider. Nash Co and Wilson will own distribution lines. CRM will retain ownership of portable pumps.

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-3 in that it provides for promoting an adequate and safe supply of water for the city and customers.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2008 - City Council approved a MOU which initiated this CIP entry.

No

FY2009 - Pumps received in November '09 and to be tested in January-February '09. Interconnects project expected to be completed in February-March '09.

No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	50,000	50,000	50,000	50,000	50,000	50,000	-	250,000
Total Revenues	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$-	\$250,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	50,000	50,000	50,000	50,000	50,000	50,000	-	250,000
Total Expenditures	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$-	\$250,000

Construction Equipment - Water**Description**

Timely replacement of existing aged equipment and the need for new equipment to obtain the long range goals of the Department. Replacements are in accord with records and recommendations by Fleet Maintenance and the Public Works Department.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue providing quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Debt	125,000	-	265,000	320,000	290,000	185,000	-	1,060,000
Total Revenues	\$125,000	\$-	\$265,000	\$320,000	\$290,000	\$185,000	\$-	\$1,060,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
10 CY Dump Truck [R]	-	-	110,000	-	120,000	-	-	230,000
4 CY Dump Truck [R]	-	-	75,000	-	80,000	90,000	-	245,000
Low Boy Tractor[R]	-	-	-	120,000	-	-	-	120,000
Low Boy Trailer[R]	-	-	-	60,000	-	-	-	60,000
Midi Excavator[R]	-	-	-	-	-	95,000	-	95,000
Mini Excavator [N]	60,000	-	-	-	-	-	-	-
RT Backhoe [R]	-	-	80,000	-	90,000	-	-	170,000
RT Front Loader [R]	-	-	-	140,000	-	-	-	140,000
Valve/Pothole Unit [N]	65,000	-	-	-	-	-	-	-
Total Expenditures	\$125,000	\$-	\$265,000	\$320,000	\$290,000	\$185,000	\$-	\$1,060,000

Sunset Finished Water Pump Motor**Description**

400 HP finish water pump motor has been rebuilt at least five times over the past and continues to "go to ground" ... Twice in the last year. Rebuild is \$25k while a new more efficient motor is clearly the better investment. The split case pump itself has aged to the point where it can only provide 50% of the design flow capacity.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to provide quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Past Progress**Complete?**

FY2009 - Funds appropriated for this replacement were needed to supplement Water Treatment Chemicals and re-budgeted for FY-2011 No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	85,000	-	-	-	-	85,000
Total Revenues	\$-	\$-	\$85,000	\$-	\$-	\$-	\$-	\$85,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	85,000	-	-	-	-	85,000
Total Expenditures	\$-	\$-	\$85,000	\$-	\$-	\$-	\$-	\$85,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Operational Savings	-	-	(5,000)	(5,500)	(6,000)	(6,500)	-	Recurring
Total Impact	\$-	\$-	\$(5,000)	\$(5,500)	\$(6,000)	\$(6,500)	\$-	

WD:E. Battleboro St. WM**Description**

Construction 3200 feet of 12" water main along E. Battleboro St. from Hathaway St. to Daniel Ave.

Justification

This project is identified in the 2003 Water System Master Plan (WSMP 2010-7) to address low pressures and deficient fire flows in Battleboro.

Category

09 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than ten (10) years

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	280,000	-
Planning/Design	-	-	-	-	-	-	35,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$315,000	\$-

Goldrock Tank Interconnect**Description**

Interconnection of 16" and 12" inlet and outlet water mains in Goldrock Rd at the Goldrock Tank and add check valves to improve fire protection by allowing the tank to supply fire flows on Goldrock Road south of the tank. Current arrangement only allows water from the upper 8 feet of the tank to flow south.

Justification

Recommened in the 2003 Water System Master Plan (MSMP 2010-5)

Category

03 - Eliminates hazards to property

Past Progress

FY2009 - Project evaluated to be better placed in future years.

Complete?

No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	50,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$50,000	\$-

WD:Lewy Lane Water Main**Description**

Extension of 6" water main along Lewy Lane to provide water service and fire protection. Lewy Lane was annexed in the 1996 city initiated annexation.

Justification**Category**

03 - Eliminates hazards to property

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	50,000	-	-	-	-	50,000
Total Revenues	\$-	\$-	\$50,000	\$-	\$-	\$-	\$-	\$50,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	50,000	-	-	-	-	50,000
Total Expenditures	\$-	\$-	\$50,000	\$-	\$-	\$-	\$-	\$50,000

WD: Edwards Street Water and Sewer Improvements**Description**

Extension of 6" water distribution line from Hammond Street to serve 5 properties on Edwards Street.

Justification

It is anticipated that council will order this work by petition in order to serve this area.

Category

12 - Other as needed

Past Progress**Complete?**

FY2008 - Engineering mailed petition information to all property owners based on initial indications that there was 100% interest in obtaining water and sewer. No

FY2009 - Engineering attempted to contact parties in DEC 09 to gauge interest in pursuing the petition. We were to inform them that if no positive feedback was received by the end of the year than the project funding would be moved and this project would have to petition and compete with other requests in future years. No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	40,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$40,000	\$-

Chemical Feed Amendment**Description**

Replacement of Pre-filter caustic feed with slurry lime system. Cost of caustic has increased 200% since last fiscal year. Lime Slurry is a much more economical means of providing alkalinity and pH amendment prior to filters. Upon completion, staff estimates potential return of investment of approximately 90% within the same fiscal year, with growing rates of return in years beyond through reduction in corresponding chemical cost.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue to provide quality utility service.

Category

08 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than five (5) years

Past Progress**Complete?**

FY2009 - Vendor test period is scheduled for January 2009. During this period, evaluation of customer hardship towards addition water hardness (calcium carbonate) will be addressed. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	190,000	-	-	-	-	-	190,000
Total Revenues	\$-	\$190,000	\$-	\$-	\$-	\$-	\$-	\$190,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	190,000	-	-	-	-	-	190,000
Total Expenditures	\$-	\$190,000	\$-	\$-	\$-	\$-	\$-	\$190,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	(150,000)	(160,000)	(170,000)	(180,000)	(190,000)	-	Recurring
Total Impact	\$-	\$(150,000)	\$(160,000)	\$(170,000)	\$(180,000)	\$(190,000)	\$-	

Quarry Pump**Description**

A base pump designed to work with our existing electrical VSD and capable of production in the 10 cfs range @ a high rate of head. Pump will be used primarily for quarry pumping in lieu of rental unit from vendor. Purchase of equipment in lieu of rental suggests a return in less than seven years.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue providing quality utility service.

Category

07 - Extends life of facility more than five (5) years

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	70,000	-	-	70,000
Total Revenues	\$-	\$-	\$-	\$-	\$70,000	\$-	\$-	\$70,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	-	-	70,000	-	-	70,000
Total Expenditures	\$-	\$-	\$-	\$-	\$70,000	\$-	\$-	\$70,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
	-	-	(10,000)	(10,000)	(10,000)	(10,000)	(50,000)	Recurring
Total Impact	\$-	\$-	\$(10,000)	\$(10,000)	\$(10,000)	\$(10,000)	\$(50,000)	

Hypochlorite Generation System**Description**

Replacement of gas chlorine feeds system @ Sunset WTP with a bleach generation system in 2013, the Tar River Facility in 2014, and the WWTP in 2015. Basically, salt water is electrically charged to render bleach and a low Risk Management scenario. Hypochlorite also significantly lowers the demand for post filter caustic. Depending upon rising prices on gas chlorine & caustic, a ROI would occur in approximately 6.50 years.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service.

Category

02 - Eliminates hazards to persons

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Debt	-	-	-	-	650,000	675,000	700,000	1,325,000
Total Revenues	\$-	\$-	\$-	\$-	\$650,000	\$675,000	\$700,000	\$1,325,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	650,000	675,000	700,000	1,325,000
Total Expenditures	\$-	\$-	\$-	\$-	\$650,000	\$675,000	\$700,000	\$1,325,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Operating Savings	-	-	-	-	(100,000)	(200,000)	(1,725,000)	Recurring
Total Impact	\$-	\$-	\$-	\$-	\$(100,000)	\$(200,000)	\$(1,725,000)	

WD: Phase 2, Annex Area 1- Water Trunk Main**Description**

This project provides for extension of 16" DIP Watermain from the terminus of the line on Old Carriage Road adjacent to Nash Community College northward, under U.S. 64, to the West Hampton subdivision.

Justification

This trunkmain is needed to adequately serve the annexation area north of U.S. 64 with water.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	35,000	-	-	-	-	35,000
Debt	-	-	-	350,000	-	-	-	350,000
Total Revenues	\$-	\$-	\$35,000	\$350,000	\$-	\$-	\$-	\$385,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	350,000	-	-	-	350,000
Land Acquisition	-	-	15,000	-	-	-	-	15,000
Planning/Design	-	-	20,000	-	-	-	-	20,000
Total Expenditures	\$-	\$-	\$35,000	\$350,000	\$-	\$-	\$-	\$385,000

WD: Winstead Ave/English Road Watermain**Description**

This project would provide for a 12" watermain to be installed across Winstead Ave during a scheduled widening project in order to loop two dead end 12" mains on each side of the English Road/Winstead Ave intersection.

Justification

This area is experiencing significant hotel and medical service development and would provide a redundant mainline service to these high-end users.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	60,000	-	-	-	-	60,000
Total Revenues	\$-	\$-	\$60,000	\$-	\$-	\$-	\$-	\$60,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	50,000	-	-	-	-	50,000
Land Acquisition	-	-	2,000	-	-	-	-	2,000
Planning/Design	-	-	8,000	-	-	-	-	8,000
Total Expenditures	\$-	\$-	\$60,000	\$-	\$-	\$-	\$-	\$60,000

WD: Phase 2, Annex Area 1- Local Distribution (Supplemental Requests)**Description**

Construct water distribution systems within existing subdivisions within the Phase 2 Annexation Area 1 to serve the following properties: 3401 Spring Mill Trail Road, 1234 S. Old Carriage Road, 1549 Lancastershire Road. All of these distribution lines will be fed by the the proposed Oak Level Road Watermain.

Justification

Installing this project via the City's extension policies would meet the timely requests of the three (3) property owners in accordance with annexation requirements.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	18,000	-	-	-	-	18,000
Debt	-	-	-	190,000	-	-	-	190,000
Total Revenues	\$-	\$-	\$18,000	\$190,000	\$-	\$-	\$-	\$208,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	190,000	-	-	-	190,000
Land Acquisition	-	-	3,000	-	-	-	-	3,000
Planning/Design	-	-	15,000	-	-	-	-	15,000
Total Expenditures	\$-	\$-	\$18,000	\$190,000	\$-	\$-	\$-	\$208,000

WD; Phase 2 Annex Area 5- Arlington Road Transfer**Description**

This work involves incidental line work and procurement of the existing 6" main owned by Edgecombe County within the proposed annexation area.

Justification

This line will have to be owned and operated by City of Rocky Mount since it will be within the new city limits serving city customers.

Category

01 - Legally mandated

Past Progress**Complete?**

FY2009 - Purchase may be negotiated through revenue collection amendment with Edgecombe County over extended years in lieu of direct purchase, provided that project was grant funded. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	85,000	-	-	-	85,000
Total Revenues	\$-	\$-	\$-	\$85,000	\$-	\$-	\$-	\$85,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	80,000	-	-	-	80,000
Planning/Design	-	-	-	5,000	-	-	-	5,000
Total Expenditures	\$-	\$-	\$-	\$85,000	\$-	\$-	\$-	\$85,000

WD: Phase 2 Annex Area 1- Fire Main Extensions**Description**

This work would extend fiemains to provide a hydrants and improved fire fighting capabilities within key portions (critical intersections) of the subdivisions or annexation areas to maximize coverage.

The costs for the various subdivisions are as follows:

Rick's Plantation/Windsor Hall - \$175,000

Country Lane Acres - \$65,000

Oak Level Crossing - \$90,000

Barnshill Church Road - \$30,000

S. Old Spring Hope Road - \$75,000

Benbrook Subdivision - \$90,000

Carriage Farm - \$45,000

Carriage Trail - \$55,000

Justification

Fire mains extended to critical or centralized portions of the subdivision will enhance fire fighting capabilities within the annexation areas.

Category

03 - Eliminates hazards to property

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	50,000	-	-	-	-	50,000
Debt	-	-	-	400,000	-	-	-	400,000
Total Revenues	\$-	\$-	\$50,000	\$400,000	\$-	\$-	\$-	\$450,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	400,000	-	-	-	400,000
Land Acquisition	-	-	20,000	-	-	-	-	20,000
Planning/Design	-	-	30,000	-	-	-	-	30,000
Total Expenditures	\$-	\$-	\$50,000	\$400,000	\$-	\$-	\$-	\$450,000

CIP OVERVIEW

Water Resources - Sewer

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Revenues								
Enterprise Fund	973,500	426,500	1,410,000	985,000	872,000	617,000	615,000	4,310,500
State Grant	-	512,000	-	-	-	-	-	512,000
Federal Grant	-	92,000	-	-	-	-	-	92,000
Debt	3,033,000	3,075,000	3,273,000	3,435,000	1,265,000	770,000	1,717,000	11,818,000
Fund Balance	-	80,000	-	-	-	-	-	80,000
Other	-	-	-	-	-	-	75,000	-
Total Revenues	\$4,006,500	\$4,185,500	\$4,683,000	\$4,420,000	\$2,137,000	\$1,387,000	\$2,407,000	\$16,812,500

Expenditures

Downtown Development Sewer Improvements	-	92,000	-	-	-	-	-	92,000
SC:Woodruff Rd Water and Sewer Improvements, Phase 3	-	171,000	-	-	-	-	-	171,000
Lift Station SCADA Project	110,000	-	60,000	130,000	60,000	75,000	-	325,000
Sewer Rehabilitation Program	175,000	75,000	175,000	175,000	175,000	175,000	-	775,000
WWTP Generators, PURPA Additions	-	-	-	-	-	-	250,000	-
WWTP Resealing Aeration Basins	-	-	-	-	180,000	-	180,000	180,000
WWTP Oxygen Plant Thermal Swing Dryer	-	-	-	-	-	-	900,000	-
WWTP Oxygen Plant Main Air Compressor	-	-	-	-	-	-	200,000	-
SC:Grape Branch Sewer	-	-	-	-	-	-	222,000	-
SC:Jeffreys Court Sewer Main (Petition)	-	-	-	-	-	-	90,000	-
SC:Annex Area 4B-Compass Creek Outfall-Phase 1	1,831,000	-	-	-	-	-	-	-
SC:Annex Area 7B-Cokey Road/Glendale Drive Sewer	-	-	-	-	-	567,000	-	567,000
SC:Annex Area 8B-Cooley Road/South Wesleyan Sewer	150,000	1,275,000	-	-	-	-	-	1,275,000
SC:Phase 2 Annex Area 1-Maple Creek Outfall Extension	1,228,000	1,550,000	2,825,000	-	-	-	-	4,375,000
Maple Creek Outfall I and I Mitigation	-	-	-	-	-	-	250,000	-
SC:Annex Area 4A-College Road Sewer (Supplemental Request)	-	-	-	-	-	-	175,000	-
SC:Minor Enhancements and Main Extensions	45,000	10,000	75,000	75,000	75,000	75,000	-	310,000
SC:Maple Creek Pump Station and Forcemain	-	-	-	2,800,000	-	-	70,000	2,800,000
SC:Fenner Road Pump Station Removal/Upgrade (Compass Creek Phase 2)	56,000	-	-	-	840,000	-	-	840,000

CIP OVERVIEW

Water Resources - Sewer

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Sewer Lift Station Generators	55,000	-	60,000	100,000	50,000	50,000	-	260,000
WWTP Telemetry	-	-	-	-	125,000	-	-	125,000
Sewer Automated Meter Reading	80,000	50,000	50,000	165,000	165,000	165,000	-	595,000
Construction Equipment - Sewer	133,000	50,000	175,000	385,000	425,000	280,000	-	1,315,000
WWTP Process & Rate Study	-	-	90,000	-	-	-	-	90,000
WWTP Open Air Mixers	-	-	90,000	-	-	-	-	90,000
Edgecombe-Martin Electrical System Purchase	-	-	40,000	40,000	42,000	-	-	122,000
SC:Brookview Dr. 2007 Water and Sewer Extension	43,500	-	-	-	-	-	-	-
WWTP Road Paving	-	-	85,000	100,000	-	-	-	185,000
SC:Annex Area 13-Hornbeam Branch Outfall	-	24,000	167,000	-	-	-	-	191,000
SC: Edwards Street Water and Sewer Improvements	-	-	-	-	-	-	70,000	-
Shore Drive Outfall	75,000	512,000	-	-	-	-	-	512,000
Electrical Transfer Switch Bypass	-	-	110,000	-	-	-	-	110,000
Johnson Street Force Main	-	-	400,000	-	-	-	-	400,000
Sewer Bypass Pump	-	-	50,000	-	-	-	-	50,000
SC: Annex Area 4B - NC97 Collector (Supplemental Request)	25,000	355,000	-	-	-	-	-	355,000
SC: Annex Area 8C-Church Street Collector (Supplemental Request)	-	21,500	110,000	-	-	-	-	131,500
SC: Phase 2 Annex Area 1- Local Collectors (Supplemental Requests)	-	-	121,000	450,000	-	-	-	571,000
Total Expenditures	\$4,006,500	\$4,185,500	\$4,683,000	\$4,420,000	\$2,137,000	\$1,387,000	\$2,407,000	\$16,812,500

Downtown Development Sewer Improvements**Description**

This project would construct new sewer mains and service laterals within the proposed Downtown Streetscape project area.

Justification

Much like the water improvements, the proposed sewer improvements will allow existing and proposed downtown buildings to easily access the sewer main within sidewalk without significantly affecting the new streetscape and roadway improvements.

Category

12 - Other as needed

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Federal Grant	-	92,000	-	-	-	-	-	92,000
Total Revenues	\$-	\$92,000	\$-	\$-	\$-	\$-	\$-	\$92,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	92,000	-	-	-	-	-	92,000
Total Expenditures	\$-	\$92,000	\$-	\$-	\$-	\$-	\$-	\$92,000

SC:Woodruff Rd Water and Sewer Improvements, Phase 3**Description**

Extension of sewer collection system across and along Woodruff Road on the south side of Goose Branch Creek. Design-Build work to be done by DOT contractor concurrent with the construction of the new Northern Connector.

Justification

Required by City Council approved petition to provide water and sewer service to an area with failing septic tanks.

Category

04 - Ordered by City Council (with or without petition)

Past Progress**Complete?**

FY2008 - Project is designed but construction has been postponed due to conflicts with the proposed Northern Connector. Funds in current year budget will be redirected to meet drought costs or other project needs. Funds are requested in FY09 to provide for extension of the water and sewer lines during construction of the Northern Connector which is set for release of design build contract in June of 2008

No

FY2009 - In accordance with the municipal agreement signed in Spring 2009, the city will reimburse the NCDOT in FY10 for utility relocations throughout the whole alignment of the Northern Connector and extension of new water and sewer mains for the Woodruff Road area.

No

Future Plans

FY2010 - Completion of project in accordance with Northern Connector project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	91,000	-	-	-	-	-	91,000
Fund Balance	-	80,000	-	-	-	-	-	80,000
Total Revenues	\$-	\$171,000	\$-	\$-	\$-	\$-	\$-	\$171,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	154,000	-	-	-	-	-	154,000
Planning/Design	-	17,000	-	-	-	-	-	17,000
Total Expenditures	\$-	\$171,000	\$-	\$-	\$-	\$-	\$-	\$171,000

Lift Station SCADA Project**Description**

This project will provide for the evaluation, specifications and installation of a supervisory control and data acquisition (SCADA) system for the Sanitary Sewer Lift Stations. This system will provide remote monitoring, data acquisition, as well as other problems such as high water, overheating pumps, fail start, and etc. Presently we have to visit 35 stations seven days a week 365 days per year to meet requirements of our Collections Permit. The SCADA system would provide 24 / 7 monitoring of our stations and save overtime hours, vehicle wear and tear as well as cost of fuel. The SCADA system will provide the capability of more continuous monitoring. An operational SCADA will reduce visitation from daily to weekly.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objectives D-2 & D-3 in that it reduces the chance for overflows and addresses criteria provided by State/Federal permit objectives.

Category

07 - Extends life of facility more than five (5) years

Past Progress**Complete?**

FY2009 - Years One & Two targets will be completed by the spring 2009.

No

Future Plans

FY2010 - Project deferred due to budget constraints.

FY2011 - Continuation of project.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	110,000	-	60,000	130,000	60,000	75,000	-	325,000
Total Revenues	\$110,000	\$-	\$60,000	\$130,000	\$60,000	\$75,000	\$-	\$325,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	110,000	-	60,000	130,000	60,000	75,000	-	325,000
Total Expenditures	\$110,000	\$-	\$60,000	\$130,000	\$60,000	\$75,000	\$-	\$325,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Daily Station Superv	-	(3,000)	(3,000)	(6,000)	(12,000)	(15,000)	-	Recurring
Total Impact	\$-	\$(3,000)	\$(3,000)	\$(6,000)	\$(12,000)	\$(15,000)	\$-	

Sewer Rehabilitation Program**Description**

This project will continue the Infiltration/Inflow reduction program currently in progress through renovation and repairs to old sewer system to reduce groundwater infiltration and stormwater inflow. These funds are used for purchase of replacement piping, contracting of grouting services, amendments to MH Elevations, and other ongoing rehabilitation projects.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-3 in that it provides for sewer line upgrades and replacement to minimize overflows and infiltration in wet weather, minimizing the chance for treatment plant overloading.

Category

07 - Extends life of facility more than five (5) years

Past Progress**Complete?**

FY2008 - \$100,000 had to be transferred to Drought 2007 to fund Wilson water line.

No

FY2009 - Funding combined with prior resources for manhole replacement.

No

Future Plans

FY2010 - Funding for activities limited due to budget constraints.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	175,000	75,000	175,000	175,000	175,000	175,000	-	775,000
Total Revenues	\$175,000	\$75,000	\$175,000	\$175,000	\$175,000	\$175,000	\$-	\$775,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	175,000	75,000	175,000	175,000	175,000	175,000	-	775,000
Total Expenditures	\$175,000	\$75,000	\$175,000	\$175,000	\$175,000	\$175,000	\$-	\$775,000

Operating Impacts

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	
Inflow/Infiltration Rec	(5,000)	(10,000)	(20,000)	(30,000)	(50,000)	(75,000)	-	Recurring
Total Impact	\$(5,000)	\$(10,000)	\$(20,000)	\$(30,000)	\$(50,000)	\$(75,000)	\$-	

WWTP Generators, PURPA Additions**Description**

In order for the WWTP generators to meet the requirements of the City's contracts with ElectriCities and the Power Agency, it will be necessary to provide for additional operational purpose. It is proposed to use the waste heat from the generators to warm the plant process water. Warm water is more conducive to a high level of biological activity in the aeration basins.

Justification

Meet PURPA requirements for use of generators other than for emergencies.

Category

12 - Other as needed

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	225,000	-
Planning/Design	-	-	-	-	-	-	25,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$250,000	\$-

WWTP Resealing Aeration Basins**Description**

Project proposes to take one treatment train out of service each summer, clean the accumulated sand and other materials which may have accumulated in the square basin "dead-spots" and re-seal the caulked seams of the basin, assuring them to be air tight. Cleaning accumulated solids will recover detention time and help the basins perform more efficiently. Recaulking the basins will improve oxygen efficiency by eliminating leaks.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory compliance.

Category

09 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than ten (10) years

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	180,000	-	180,000	180,000
Total Revenues	\$-	\$-	\$-	\$-	\$180,000	\$-	\$180,000	\$180,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	180,000	-	180,000	180,000
Total Expenditures	\$-	\$-	\$-	\$-	\$180,000	\$-	\$180,000	\$180,000

WWTP Oxygen Plant Thermal Swing Dryer**Description**

This project will provide funds for the purchase of a non-mechanical dryer for the Waste Water Treatment Plant Oxygen Plant. Existing plant equipment works through 2 heat exchangers with a valve mechanically switching from one to the other as the heat exchanger in use becomes blocked by moisture removed as ice from the feed air. Switching can cause system upsets. The replacement will use 2 towers with molecular sieves to remove the moisture. Regeneration will occur less often and not cause plant pressure swings.

Justification

Improvement in plant operations. Change will reduce amount of mechanical equipment. Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service.

Category

08 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than five (5) years

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	-	-	-	-	900,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$900,000	\$-

WWTP Oxygen Plant Main Air Compressor**Description**

Funds for this project will be provided to purchase, install, and activate a spare air compressor at the Wastewater Treatment Plant oxygen plant.

The City presently has two compressors. One is a piece of original plant equipment. The other is a rebuilt compressor from the early '90's.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service .

Category

08 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than five (5) years

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	-	-	-	-	200,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$200,000	\$-

SC:Grape Branch Sewer**Description**

This project will provide for the extension of the Grape Branch 12" sewer line approximately 2,200 feet from the end of the existing line to Beechwood Drive. This project will provide gravity sewer service to the area Beechwood Drive area.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-1 in that it provides for utility growth into un-served or underserved areas of Nash and Edgecombe Counties.

Category

10 - Expansion of service is deemed necessary

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	192,000	-
Planning/Design	-	-	-	-	-	-	30,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$222,000	\$-

SC:Jeffreys Court Sewer Main (Petition)**Description**

This project would extend a gravity sewer from cul-de-sac at Jeffreys Court to remaining homes without sewer along Gold Rock Rd.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective C-1 in that it provides for planning service line extensions and replacement consistent with the Comprehensive Plan.

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2009 - 8" gravity sewer currently under construction as part of the new Walgreen development. No
Sewer main extends from cul-de-sac at end of Jeffreys Court to Benvenue Village Apartments and will serve existing homes on Jeffrey Court.

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	75,000	-
Land Acquisition	-	-	-	-	-	-	5,000	-
Planning/Design	-	-	-	-	-	-	10,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$90,000	\$-

SC:Annex Area 4B-Compass Creek Outfall-Phase 1**Description**

This project will extend an outfall line along Compass Creek from the 54" Tar River interceptor sewer to Moore's pump station on Wesleyan Blvd. This project is necessary to provide sewer service to Annexation Area 4B and to remove Moore's Pump Station flow from downstream lift stations. Construction of this project will delay the upgrade downstream pump stations identified in the 2003 Sewer Master Plan for the foreseeable future. The Fenner Rd lift Station upgrade (Compass Creek Outfall Phase 2) is a companion to this project and will extend this outfall from Wesleyan Blvd to Fenner Road in lieu of reconstructing the existing lift station.

Justification

This project is required to adequately serve sewer to the proposed annexation area, and to allow the Moores pump station to be decommissioned at a later date.

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2009 - Bids to be received December 2008 and awarded in January 2009. Construction anticipated to begin February-March 2009. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	101,000	-	-	-	-	-	-	-
Debt	1,730,000	-	-	-	-	-	-	-
Total Revenues	\$1,831,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	1,350,000	-	-	-	-	-	-	-
Land Acquisition	380,000	-	-	-	-	-	-	-
Planning/Design	101,000	-	-	-	-	-	-	-
Total Expenditures	\$1,831,000	\$-	\$-	\$-	\$-	\$-	\$-	\$-

SC:Annex Area 7B-Cokey Road/Glendale Drive Sewer**Description**

This project will establish the Cokey Road Pump Station near the intersection of Cokey Road and S. Glendale Ave and an 8" sewer collection system along Glendale Drive and Cokey Road to serve annexation area 7B.

Justification

This collector system is required to adequately serve the area; however, there were no supplemental request for annexed property owners.

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2009 - There was no interest from property owners within Annexation Area 8B for sewer. Gravity sewer mains are reasonably available to the north of the annexation area and will allow the area to be served, with the construction of a pump station and force-main. Recommend that this work be moved to out years to finance sewer construction in Area 4B for FY09

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	-	77,000	-	77,000
Debt	-	-	-	-	-	490,000	-	490,000
Total Revenues	\$-	\$-	\$-	\$-	\$-	\$567,000	\$-	\$567,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	490,000	-	490,000
Planning/Design	-	-	-	-	-	77,000	-	77,000
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$567,000	\$-	\$567,000

SC:Annex Area 8B-Cooley Road/South Wesleyan Sewer**Description**

This project will construct a 12" gravity sewer collection system to provide sewer service to annexation area 8B and the surrounding area. Sewer collection system will flow to the existing Nash County Pump Station located behind Belaire Estates.

Justification

This collector system is required to adequately serve areas 8A and 8B.

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2009 - Design is 95% as of December 09. Project is expected to be out to bid in January 09 and construction to begin in March-April 2009. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	150,000	-	-	-	-	-	-	-
Debt	-	1,275,000	-	-	-	-	-	1,275,000
Total Revenues	\$150,000	\$1,275,000	\$-	\$-	\$-	\$-	\$-	\$1,275,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	1,275,000	-	-	-	-	-	1,275,000
Land Acquisition	60,000	-	-	-	-	-	-	-
Planning/Design	90,000	-	-	-	-	-	-	-
Total Expenditures	\$150,000	\$1,275,000	\$-	\$-	\$-	\$-	\$-	\$1,275,000

SC:Phase 2 Annex Area 1-Maple Creek Outfall Extension**Description**

This project will extend the existing Maple Creek outfall approximately 40,000 feet along Maple Creek, Bent Creek and an unnamed tributary from Warrington Court to Old Spring Hope Road. This project is necessary to serve the proposed Old Mill Steam Subdivision on Halifax Road and developing areas west of I-95. The project is proposed to be constructed in multiple phases described below. The upgrade of Maple Creek Pump Station and Force Main is a companion to this project.

Justification

This project is required to adequately serve sewer to the proposed annexation area and City's anticipated highest growth area. Anticipated Phases based upon projected development areas

Phase 1: Warrington Court to Hunter Hill Road

Phase 2: Hunter Hill Road to I-95

Phase 3: I-95 to Oak Level Road and Old Spring Hope Road along northern and southern tributaries

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2009 - Phase 1 Design Complete, easements obtained and bids received on December 16th 2008. Anticipate construction to start in February-March 2009. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	58,000	150,000	425,000	-	-	-	-	575,000
Debt	1,170,000	1,400,000	2,400,000	-	-	-	-	3,800,000
Total Revenues	\$1,228,000	\$1,550,000	\$2,825,000	\$-	\$-	\$-	\$-	\$4,375,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	1,040,000	1,400,000	2,400,000	-	-	-	-	3,800,000
Land Acquisition	130,000	50,000	275,000	-	-	-	-	325,000
Planning/Design	58,000	100,000	150,000	-	-	-	-	250,000
Total Expenditures	\$1,228,000	\$1,550,000	\$2,825,000	\$-	\$-	\$-	\$-	\$4,375,000

Maple Creek Outfall I and I Mitigation**Description**

Project provides for the reduction of inflow and infiltration of the existing Maple Creek outfall to reduce the potential for sanitary sewer overflows and to delay construction of a new pump station and force main

Justification

Environmental protection and public health

Category

03 - Eliminates hazards to property

Past Progress**Complete?**

FY2009 - Smoke testing of oufall was completed under a separate project and preliminary engineering report is being drafted. Place holder budget. Need additional study to refine timing and budget. Limited problems found with the line during smoke testing but there are significant increases in flow during wet weather. No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Planning/Design	-	-	-	-	-	-	250,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$250,000	\$-

SC:Annex Area 4A-College Road Sewer (Supplemental Request)**Description**

This project would extend a 10" gravity sewer approximately 1400 feet along College Road from US301 to the golf course (driving range) property. Currently, this property is the only requesting property within the annexation area and it's average daily flow would be less than 250 gpd. If no further interest is within Annexation Area 4A, the property could be served via a private grinder pump pumping into a 2" public forcemain along College Road. Below are the cost for each option

10" Gravity Line: \$185,000

2" Public FM: \$35,000

Justification**Category**

10 - Expansion of service is deemed necessary

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	160,000	-
Planning/Design	-	-	-	-	-	-	15,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$175,000	\$-

SC:Minor Enhancements and Main Extensions**Description**

This project provides for small scale system enhancement projects and sewer main extensions requests as approved by the City Council through the petition process. In addition, it allows for developer agreements for oversizing and extensions as required by the city. The currently identified projects are listed below and a contingency is provided to allow for construction of emergency projects that require immediate action.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-1 in that it provides for utility growth into un-served or underserved areas of Nash and Edgecombe Counties.

Category

07 - Extends life of facility more than five (5) years

Future Plans

FY2010 - Funding limited due to budget constraints.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	45,000	10,000	75,000	75,000	75,000	75,000	-	310,000
Total Revenues	\$45,000	\$10,000	\$75,000	\$75,000	\$75,000	\$75,000	\$-	\$310,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	45,000	10,000	75,000	75,000	75,000	75,000	-	310,000
Total Expenditures	\$45,000	\$10,000	\$75,000	\$75,000	\$75,000	\$75,000	\$-	\$310,000

SC:Maple Creek Pump Station and Forcemain**Description**

Upgrades and/or reconstruction of the Maple Creek Pump Station and forcemain

Justification

Significant increase in flow due to the Maple Creek Outfall Extension will require an increase in the station's capacity and its forcemain re-routed to a larger sewer outfall on River Drive.

Category

08 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than five (5) years

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	200,000	-	-	-	200,000
Debt	-	-	-	2,600,000	-	-	-	2,600,000
Total Revenues	\$-	\$-	\$-	\$2,800,000	\$-	\$-	\$-	\$2,800,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	2,600,000	-	-	-	2,600,000
Planning/Design	-	-	-	200,000	-	-	-	200,000
Total Expenditures	\$-	\$-	\$-	\$2,800,000	\$-	\$-	\$-	\$2,800,000

SC:Fenner Road Pump Station Removal/Upgrade (Compass Creek Phase 2)**Description**

This project provides for the removal of the pump station on Fenner Road. The pump station is currently running at capacity and needs to be reconstructed or removed to be able to handle projected flow increases due to pending development projects. This project was recommended in the Sewer Master Plan and is a companion project to the Compass Creek Outfall Phase 1 project.

Justification

Project was initially identified in the 2003 Sewer Master Plan. The need to provide sewer service in annexation area 4b and reduce flow on the S. Church Street pump stations has caused a re-evaluation of projects and may allow for the elevation of this pump station by extension of the Compass Creek Outfall line. The feasibility of eliminating the pump station will be evaluated during design of the outfall line.

Category

12 - Other as needed

Past Progress**Complete?**

FY2009 - Bids to be received December 2008 and awarded in January 2009. Construction anticipated to begin February-March 2009. Engineering for this project is reflected in the Phase I project costs. No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	56,000	-	-	-	-	-	-	-
Debt	-	-	-	-	840,000	-	-	840,000
Total Revenues	\$56,000	\$-	\$-	\$-	\$840,000	\$-	\$-	\$840,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	840,000	-	-	840,000
Land Acquisition	56,000	-	-	-	-	-	-	-
Planning/Design	-	-	-	-	-	-	-	-
Total Expenditures	\$56,000	\$-	\$-	\$-	\$840,000	\$-	\$-	\$840,000

Sewer Lift Station Generators**Description**

Natural gas powered generators are to be installed at the major sewer lift stations. These generators will provide power for pump operation during electrical power failure (hurricanes and ice storms) as required by the City's National Pollution Discharge Elimination System (NPDES) permit thus preventing sewage spills from the pump stations. Generators may also be used for elec. load management. Additional installations will be at Fenner Road and Johnson St. in 07-08 continuing with other sewer lift stations in the future. A portable unit will also be acquired to support the remaining stations as needed. Funds assume installing two generators per year, with only one generator per year in FY 2010-11 and FY 2011-12.

Justification

Project is consistent with the Natural Hazards Element of the Comprehensive Plan; Strategy A-6 in that it provides for evaluation of the vulnerability to flooding or loss of power as a factor in determining CIP improvements or changes.

Category

02 - Eliminates hazards to persons

Past Progress**Complete?**

FY2008 - Progress in program is on schedule with long range plans

No

FY2009 - Continued on schedule progress in replacements.

No

Future Plans

FY2010 - Project suspended due to budget constraints.

FY2011 - Generator replacements resume.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	55,000	-	60,000	100,000	50,000	50,000	-	260,000
Total Revenues	\$55,000	\$-	\$60,000	\$100,000	\$50,000	\$50,000	\$-	\$260,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	5,000	-	5,000	8,000	4,000	4,000	-	21,000
Equipment/Furnishing	50,000	-	55,000	92,000	46,000	46,000	-	239,000
Total Expenditures	\$55,000	\$-	\$60,000	\$100,000	\$50,000	\$50,000	\$-	\$260,000

WWTP Telemetry**Description**

Project proposes to develop an in-house SCADA system allowing monitoring, control, and of operating equipment and recording control parameters at WWTP. The NC97 lift station would be a part of this network. Observation of operational basins and storage tank levels, start and stopping of pumps, instrumental monitoring of control parameters would be possible with current radio communication and computer equipment. This system would be done on a build it by pieces, much as the Water Plant SCADA has been done.

Justification

This project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory permit compliance.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	-	-	125,000	-	-	125,000
Total Revenues	\$-	\$-	\$-	\$-	\$125,000	\$-	\$-	\$125,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	125,000	-	-	125,000
Total Expenditures	\$-	\$-	\$-	\$-	\$125,000	\$-	\$-	\$125,000

Sewer Automated Meter Reading**Description**

This project will share with the Water Fund the cost of installation of electronic water meters in conjunction with electronic gas and electric meters. Cost are shared with Water Fund: 55% Water Fund / 45% Sewer Fund. Funding request provided in this account reflects that cost share.

Justification

Project is consistent with the Community Facilities Element of the Comprehensive Plan; Strategy B-2 & F-1 in that it upgrades existing utility service and improves the management of utilities which is consistent with the Comprehensive Plan.

Category

11 - Needed to implement a new program or activity being requested in an upcoming operating budget

Past Progress**Complete?**

FY2008 - Program pilot successful and program proceeding

No

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	80,000	50,000	50,000	165,000	165,000	165,000	-	595,000
Total Revenues	\$80,000	\$50,000	\$50,000	\$165,000	\$165,000	\$165,000	\$-	\$595,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	80,000	50,000	50,000	165,000	165,000	165,000	-	595,000
Total Expenditures	\$80,000	\$50,000	\$50,000	\$165,000	\$165,000	\$165,000	\$-	\$595,000

Construction Equipment - Sewer**Description**

Funding for this project is intended to schedule large equipment needing replacement. Such equipment includes rubber-tire backhoes, tracked backhoe, dump trucks, bulldozers, and a sewer jet. Replacement is scheduled from data compiled by the Public Works Department, frequency of use, and age.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue providing quality utility service.

Category

05 - Current level of service cannot be continued unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Debt	133,000	50,000	175,000	385,000	425,000	280,000	-	1,315,000
Total Revenues	\$133,000	\$50,000	\$175,000	\$385,000	\$425,000	\$280,000	\$-	\$1,315,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
4 CY Dump Truck [R]	-	-	-	75,000	160,000	-	-	235,000
Bull Dozer [R]	-	-	175,000	-	-	-	-	175,000
R/W Mowing Dozer & Bush Hog[N]	-	-	-	-	-	125,000	-	125,000
R/W Tractor & Bush Hog[R]	-	50,000	-	-	-	60,000	-	110,000
RT Backhoe	-	-	-	85,000	90,000	95,000	-	270,000
Sewer Jet Unit [R]	-	-	-	-	175,000	-	-	175,000
Sewer Vacuum Truck [R]	-	-	-	-	-	-	-	-
Tract Excavator [R]	-	-	-	225,000	-	-	-	225,000
TV Camera Unit [R]	133,000	-	-	-	-	-	-	-
Total Expenditures	\$133,000	\$50,000	\$175,000	\$385,000	\$425,000	\$280,000	\$-	\$1,315,000

WWTP Process & Rate Study**Description**

Funds are to be targeted at a comprehensive review of the WWTP system process options as well as a detailed review of the sewer rates both now and with implementation of the process amendment.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory permit compliance and Objective B-4 as it explores a cost analysis relative to rates.

Category

06 - Current level of service cannot be assured unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	90,000	-	-	-	-	90,000
Total Revenues	\$-	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Planning/Design	-	-	90,000	-	-	-	-	90,000
Total Expenditures	\$-	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

WWTP Open Air Mixers**Description**

Aeration Trains C & D both have identical open air mixers for which there is no backup equipment. Basically, when the mixer goes down we are out of service until the failed unit has been shipped, repaired, and returned. Funds would obtain a backup unit for these two locations.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory permit compliance.

Category

05 - Current level of service cannot be continued unless work is done

Future Plans

FY2010 - Project deferred due to budget constraints.

FY2011 - Project scheduled.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	90,000	-	-	-	-	90,000
Total Revenues	\$-	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	90,000	-	-	-	-	90,000
Total Expenditures	\$-	\$-	\$90,000	\$-	\$-	\$-	\$-	\$90,000

Edgecombe-Martin Electrical System Purchase**Description**

By agreement, a monthly payment is made to Edgecombe Martin Electrical for the infrastructure serving the electrical needs of the WWTP. A MOU was addressed that would outright purchase the system in a lump sum payment of principle. Response to electrical outage would be better addressed by CRM forces than Edgecombe Martin.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-2 in that it provides for insuring regulatory compliance.

Category

10 - Expansion of service is deemed necessary

Past Progress**Complete?**

FY2008 - Negotiation of terms of purchase.

No

FY2009 - Continued negotiation.

No

Future Plans

FY2013 - Final payment made on or after July 1, 2012.

FY2010 - Anticipate purchase of territory by Electric Fund during fiscal year, with Water Fund reimbursement starting in following fiscal year due to budget constraints.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	40,000	40,000	42,000	-	-	122,000
Total Revenues	\$-	\$-	\$40,000	\$40,000	\$42,000	\$-	\$-	\$122,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Planning/Design	-	-	40,000	40,000	42,000	-	-	122,000
Total Expenditures	\$-	\$-	\$40,000	\$40,000	\$42,000	\$-	\$-	\$122,000

SC:Brookview Dr. 2007 Water and Sewer Extension**Description**

Extension of water and sewer services along Brookview Dr in response to requests for service in the area.

Justification

Protection of public health due to failing wells and septic systems in the area

Category

02 - Eliminates hazards to persons

Past Progress

FY2008 - Constructed by City forces in Spring 2008

Complete?

Yes

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	43,500	-	-	-	-	-	-	-
Total Revenues	\$43,500	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	43,500	-	-	-	-	-	-	-
Total Expenditures	\$43,500	\$-	\$-	\$-	\$-	\$-	\$-	\$-

WWTP Road Paving**Description**

This project will continue the repaving of roads within the Wastewater Treatment Plant (WWTP). Light duty roads were built in 1980 when plant was constructed. Sub-grade needs work as well as repaving roads surfaces.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-1 in that it provides for utility master planning for expansion and maintenance needs.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	85,000	100,000	-	-	-	185,000
Total Revenues	\$-	\$-	\$85,000	\$100,000	\$-	\$-	\$-	\$185,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	85,000	100,000	-	-	-	185,000
Total Expenditures	\$-	\$-	\$85,000	\$100,000	\$-	\$-	\$-	\$185,000

SC:Annex Area 13-Hornbeam Branch Outfall**Description**

This project will extend the 18"outfall line along Hornbeam Branch from Oaks Trail Rd, across Peele Road, and ending at Muscadine Road.

Line is required to provide sewer availability to Annexation Area 13.

Justification

This project is required to adequately serve sewer to the proposed annexation area. Petition projects are anticipated for collection system(s) to this proposed outfall line.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	24,000	-	-	-	-	-	24,000
Debt	-	-	167,000	-	-	-	-	167,000
Total Revenues	\$-	\$24,000	\$167,000	\$-	\$-	\$-	\$-	\$191,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	167,000	-	-	-	-	167,000
Planning/Design	-	24,000	-	-	-	-	-	24,000
Total Expenditures	\$-	\$24,000	\$167,000	\$-	\$-	\$-	\$-	\$191,000

SC: Edwards Street Water and Sewer Improvements**Description**

Extension of 8" sewer main to serve 5 lots along Edwards Street currently without water and sewer.

Justification

It is anticipated that council will order this work by petition in order to serve the area.

Category

08 - Improves efficiency or generates additional revenue with initial cost being recovered by savings within less than five (5) years

Past Progress**Complete?**

FY2008 - Engineering mailed petition information to all property owners based on initial indications that there was 100% interest in obtaining water and sewer. No

FY2009 - Engineering attempted to contact parties in DEC 09 to gauge interest in pursuing the petition. We were to inform them that if no positive feedback was received by the end of the year than the project funding would be moved and this project would have to petition and compete with other requests in future years. No

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	-	-	-	70,000	-
Total Expenditures	\$-	\$-	\$-	\$-	\$-	\$-	\$70,000	\$-

Shore Drive Outfall**Description**

Construction of sewer outfall line to serve entire Lake Shore Drive area, including Shore Street, Bing Crosby Street, and Mt. Mitchell Street.

Justification

This project completes work ordered by city council in 1999 as a comprehensive water and sewer improvement program due to failing septic systems. Water improvements were completed in 2000. Sewer improvements were delayed pending completion of the Leggett Road pump station.

Category

04 - Ordered by City Council (with or without petition)

Past Progress**Complete?**

FY2007 - Grant from CWTFM approved, pending increasing water and sewer rates to meet 1.5% of defined median home income. No

FY2009 - Engineering and surveying to be done by City. No

Future Plans

FY2010 - Outfall constructed.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	75,000	-	-	-	-	-	-	-
State Grant	-	512,000	-	-	-	-	-	512,000
Total Revenues	\$75,000	\$512,000	\$-	\$-	\$-	\$-	\$-	\$512,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	512,000	-	-	-	-	-	512,000
Land Acquisition	75,000	-	-	-	-	-	-	-
Total Expenditures	\$75,000	\$512,000	\$-	\$-	\$-	\$-	\$-	\$512,000

Electrical Transfer Switch Bypass**Description**

In early 2008, an electrical outage demonstrated a fatal engineering flaw in our feed design. Basically a scenario could occur whereby both our distribution power and generators could be blocked, leaving the entire facility dead. The amendment which would never allow this to occur would be a manual bypass switch and contingency feed lines.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP, to continue to providing quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	110,000	-	-	-	-	110,000
Total Revenues	\$-	\$-	\$110,000	\$-	\$-	\$-	\$-	\$110,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	110,000	-	-	-	-	110,000
Total Expenditures	\$-	\$-	\$110,000	\$-	\$-	\$-	\$-	\$110,000

Johnson Street Force Main**Description**

In order to meet compliance with DENR 2T regulations, a new force main from the Johnson Street Lift Station to an intercept at Cokey Road must be addressed within a two year period. Pumps are being replaced in this fiscal year, but the amendments to the force main is also required to meet our permit requirements

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective D-3 in that it provides for sewer line upgrades and replacement to minimize overflows and infiltration in wet weather. It also opens the avenue of further development of Sharpsburg and Nash County.

Category

05 - Current level of service cannot be continued unless work is done

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	50,000	-	-	-	-	50,000
Debt	-	-	350,000	-	-	-	-	350,000
Total Revenues	\$-	\$-	\$400,000	\$-	\$-	\$-	\$-	\$400,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	350,000	-	-	-	-	350,000
Planning/Design	-	-	50,000	-	-	-	-	50,000
Total Expenditures	\$-	\$-	\$400,000	\$-	\$-	\$-	\$-	\$400,000

Sewer Bypass Pump**Description**

Equipment used in the event of a line break or lift station failure to route flow around the work zone. Replaces two (2) highly aged 6" pumps.

Justification

Project is consistent with the Community Facilities Section of the Comprehensive Plan; Objective B-3 in that it updates the CIP to continue providing quality utility service.

Category

06 - Current level of service cannot be assured unless work is done

Future Plans

FY2010 - Project delayed due to budget constraints.

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	50,000	-	-	-	-	50,000
Total Revenues	\$-	\$-	\$50,000	\$-	\$-	\$-	\$-	\$50,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Equipment/Furnishing	-	-	50,000	-	-	-	-	50,000
Total Expenditures	\$-	\$-	\$50,000	\$-	\$-	\$-	\$-	\$50,000

SC: Annex Area 4B - NC97 Collector (Supplemental Request)**Description**

This project would extend a 12" gravity sewer along NC97 from the existing screw pump station to Avalon Road. This collector would be in a position to receive flow from Old Battle Road, Avalon Road and Stillmeadow Lane and portions of NC97.

Justification

The 54" gravity interceptor running from the screw lift station to the Tar River WWTP surcharges during significant rain events thus limiting collector sewers from tying into it. Thus, this collector system would facilitate serving the area without risk of surcharging customers. In addition, installing this project via the City's extension policies would meet the timely requests of three (3) property owners in accordance with annexation requirements.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	25,000	5,000	-	-	-	-	-	5,000
Debt	-	350,000	-	-	-	-	-	350,000
Total Revenues	\$25,000	\$355,000	\$-	\$-	\$-	\$-	\$-	\$355,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	350,000	-	-	-	-	-	350,000
Land Acquisition	-	5,000	-	-	-	-	-	5,000
Planning/Design	25,000	-	-	-	-	-	-	-
Total Expenditures	\$25,000	\$355,000	\$-	\$-	\$-	\$-	\$-	\$355,000

SC: Annex Area 8C-Church Street Collector (Supplemental Request)**Description**

This project will construct an 8" gravity sewer collection system from the Cooley Road Pump Station northward along South Church Street to Ellen Street.

Justification

Installing this project via the City's extension policies would meet the timely requests of the two (2) property owners in accordance with annexation requirements.

Category

10 - Expansion of service is deemed necessary

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	21,500	-	-	-	-	-	21,500
Debt	-	-	110,000	-	-	-	-	110,000
Total Revenues	\$-	\$21,500	\$110,000	\$-	\$-	\$-	\$-	\$131,500

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	110,000	-	-	-	-	110,000
Land Acquisition	-	1,500	-	-	-	-	-	1,500
Planning/Design	-	20,000	-	-	-	-	-	20,000
Total Expenditures	\$-	\$21,500	\$110,000	\$-	\$-	\$-	\$-	\$131,500

SC: Phase 2 Annex Area 1- Local Collectors (Supplemental Requests)**Description**

Construct gravity sewer collection systems within existing subdivisions within the Phase 2 Annexation Area 1 to serve the following properties: 3401 Spring Mill Trail Road, 3889 Carriage Farm Road, 1234 S. Old Carriage Road, 1549 Lancastershire Road. All of these collectors will flow to the the proposed Maple Creek Outfall.

Justification

Installing this project via the City's extension policies would meet the timely requests of the four (4) property owners in accordance with annexation requirements.

Category

01 - Legally mandated

Revenues

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Enterprise Fund	-	-	50,000	-	-	-	-	50,000
Debt	-	-	71,000	450,000	-	-	-	521,000
Total Revenues	\$-	\$-	\$121,000	\$450,000	\$-	\$-	\$-	\$571,000

Expenditures

Description	FY 2009 Proj	FY 2010 Prop	FY 2011 Prop	FY 2012 Prop	FY 2013 Prop	FY 2014 Prop	Future Years	CIP Total
Construction	-	-	-	450,000	-	-	-	450,000
Land Acquisition	-	-	71,000	-	-	-	-	71,000
Planning/Design	-	-	50,000	-	-	-	-	50,000
Total Expenditures	\$-	\$-	\$121,000	\$450,000	\$-	\$-	\$-	\$571,000

